

# UTILITY PATENT APPLICATION TRANSMITTAL

## (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
1038-1221 MIS;jb

Total Pages in this Submission  
4

### TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**TRANSFERRIN RECEPTOR GENES**

and invented by:

**Sheena M. Loosmore, et al.**

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: 08/649,518

Which is a:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: 08/483,577

Which is a:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: 08/337,483

Enclosed are:

### Application Elements

1.  Filing fee as calculated and transmitted as described below
2.  Specification having 90 pages and including the following:
  - a.  Descriptive Title of the Invention
  - b.  Cross References to Related Applications (*if applicable*)
  - c.  Statement Regarding Federally-sponsored Research/Development (*if applicable*)
  - d.  Reference to Microfiche Appendix (*if applicable*)
  - e.  Background of the Invention
  - f.  Brief Summary of the Invention
  - g.  Brief Description of the Drawings (*if drawings filed*)
  - h.  Detailed Description
  - i.  Claim(s) as Classified Below
  - j.  Abstract of the Disclosure

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**Application Elements (Continued)**

3.  Drawing(s) (when necessary as prescribed by 35 USC 113)
  - a.  Formal Number of Sheets 143
  - b.  Informal Number of Sheets \_\_\_\_\_
4.  Oath or Declaration
  - a.  Newly executed (original or copy)  Unexecuted
  - b.  Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
  - c.  With Power of Attorney  Without Power of Attorney
  - d.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5.  Incorporation By Reference (usable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.  Computer Program in Microfiche (Appendix)
7.  Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)
  - a.  Paper Copy
  - b.  Computer Readable Copy (identical to computer copy)
  - c.  Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8.  Assignment Papers (cover sheet & document(s))
9.  37 CFR 3.73(B) Statement (when there is an assignee)
10.  English Translation Document (if applicable)
11.  Information Disclosure Statement/PTO-1449  Copies of IDS Citations
12.  Preliminary Amendment
13.  Acknowledgment postcard
14.  Certificate of Mailing

First Class  Express Mail (Specify Label No.): \_\_\_\_\_

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**Accompanying Application Parts (Continued)**

15.  Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16.  Additional Enclosures *(please identify below):*

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

17.  Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

*An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.*

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

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**4**

**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
<b>Total Claims</b>	19	- 20 =	0	x \$18.00	\$0.00
<b>Indep. Claims</b>	5	- 3 =	2	x \$84.00	\$168.00
<b>Multiple Dependent Claims (check if applicable)</b>	<input checked="" type="checkbox"/>				\$280.00
				<b>BASIC FEE</b>	<b>\$740.00</b>
<b>OTHER FEE (specify purpose)</b>					\$0.00
				<b>TOTAL FILING FEE</b>	<b>\$1,188.00</b>

A check in the amount of **\$1,188.00** to cover the filing fee is enclosed.  
 The Commissioner is hereby authorized to charge and credit Deposit Account No. **192253** as described below. A duplicate copy of this sheet is enclosed.

Charge the amount of \_\_\_\_\_ as filing fee.  
 Credit any overpayment.  
 Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.  
 Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).



*Signature*

**Michael I. Stewart (Reg. No. 24,973)**  
**Sim & McBurney**  
**6th Floor, 330 University Avenue**  
**Toronto, Ontario**  
**Canada, M5G 1R7.**

Dated: **January 11, 2002**



**24223**  
 PATENT TRADEMARK OFFICE

cc:

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

\$1,188.00

## Complete if Known

Application Number	
Filing Date	
First Named Inventor	Sheena M. Loosmore
Examiner Name	
Group Art Unit	
Attorney Docket No.	1038-1221 MIS:jb

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

Deposit Account Name

Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

Applicant claims small entity status. See 37 CFR § 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath
127	50	227	25 Surcharge - late provisional filing fee or cover sheet
139	130	139	130 Non - English specification
147	2,520	147	2,520 For filing a request for ex parte reexamination
112	920*	112	920* Requesting publication of SIR prior to Examiner action
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action
115	110	215	55 Extension for reply within first month
116	400	216	200 Extension for reply within second month
117	920	217	460 Extension for reply within third month
118	1,440	218	720 Extension for reply within fourth month
128	1,960	228	980 Extension for reply within fifth month
119	320	219	160 Notice of Appeal
120	320	220	160 Filing a brief in support of an appeal
121	280	221	140 Request for oral hearing
138	1,510	138	1,510 Petition to institute a public use proceeding
140	110	240	55 Petition to revive - unavoidable
141	1,280	241	640 Petition to revive - unintentional
142	1,280	242	640 Utility issue fee (or reissue)
143	460	243	230 Design issue fee
144	620	244	310 Plant issue fee
122	130	122	130 Petitions to the Commissioner
123	50	123	50 Processing fee under 37 CFR § 1.17(q)
126	180	126	180 Submission of Information Disclosure Statement
581	40	581	40 Recording each patent assignment per property (times number of properties)
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))
179	740	279	370 Request for Continued Examination (RCE)
169	900	169	900 Request for expedited examination of a design application

Other fee (specify) \_\_\_\_\_

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	
101	740	201	370 Utility filing fee	740.00
106	330	206	165 Design filing fee	
107	510	207	255 Plant filing fee	
108	740	208	370 Reissue filing fee	
114	160	214	80 Provisional filing fee	
SUBTOTAL (1)				\$740.00

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
19	-20** = 0	X	0.00
Independent Claims	5 - 3** = 2	X	84.00 = 168.00
Multiple Dependent			= 280.00

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	
103	18	203	9 Claims in excess of 20
102	84	202	42 Independent claims in excess of 3
104	280	204	140 Multiple dependent claim, if not paid
109	84	209	42 ** Reissue independent claims over original patent
110	18	210	9 ** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)			

\$448.00

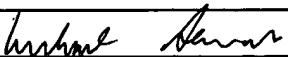
\*\*or number previously paid, if greater; For Reissues, see above

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	Michael I. Stewart	Registration No. (Attorney/Agent)	24,973	Telephone	(416) 575-1155
Signature				Date	January 11, 2002

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.